

**Cat. No:** IS20041**Size:** 1 mg**Clone:** POLY**Concentration:** 2mg/ml**Host:** Goat**Isotype:** IgG**Reactivity:** Guinea Pig**Applications:** Recommended Dilution Range  
Fluorescence microscopy: 1-2 ug/mL  
Flow cytometry: 1 ug/10<sup>6</sup> cells  
Near-infrared western detection: 50-100 ng/m**Purification:** Aff. Pur.**Background:** Alexa Fluor 647 antibodies are affinity-purified antibodies labeled with a red fluorescent dye ALEXA FLUOR647, one of an outstanding series of ALEXA FLUOR dyes developed by Immunological Sciences. ALEXA FLUOR dyes are superior to both Alexa® Fluor dyes and CyTM dyes for antibody labeling by having combined advantages in brightness, photostability, specificity and novel features ideal for in vivo imaging (Please visit our website for details).**Form:** liquid**Buffer:** 2 mg/mL in pH~7.4 PBS containing 50% glycerol, 2 mg/ml bovine serum albumin (IgG-free and protease-free) and 0.05% sodium azide.**Storage:** Store at 4°C for several months. Protect from light. For longer storage, divide the conjugate into small aliquots and freeze at -20°C. Avoid repeated freezing and thawing.**Properties:** Color and Form: Blue solution. Spectral Properties:  $\lambda_{abs}/\lambda_{em} = 650/665$  nm (in pH 7.4 PBS buffer) ALEXA FLUOR647 is spectrally similar to CyTM5, Alexa Fluor® 647 and DyLightTM 649